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K1200LT Brake Light Flasher

The brake light flasher connects to the center brake light on the K1200LT trunk rack. It makes the brake light flash rapidly for about two seconds, and then it stays on solid for as long as the brake is applied. The cycle repeats every time the brake is applied.



Figure 1. Brake light flasher for center brake light

Note: Though this product has been tested extensively on a 2003 and a 2005 BMW K1200LT, Rider West assumes no responsibility for the compatibility between this product and your motorcycle. Any Rider West accessories you add to your motorcycle are at your own risk.

If you have any questions about this kit, contact support@riderwest.com.

A full color version of this document can be viewed or downloaded from www.riderwest.com.

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What you get

- (1) Brake light flasher assembly with wires, bullet connectors, and double-sided tape attached
- (2) Red male bullet connectors, crimp-type
- (2) Red female bullet connectors, crimp-type
- Detailed instructions (what you're reading now)

What you need

To install the brake light flasher you need:

- Wire cutter/stripper
- Crimping tool (for standard, automotive-type connectors)
- T-20 Torx wrench

Installation

1. Use the T-20 Torx wrench to remove the plastic cover (5 screws—see Figure 2) to the compartment beneath the mirror inside the trunk.



Figure 2. Remove 5 screws to remove plastic cover

2. Remove the wire from underneath the plastic holder and note the wire colors in the connector. The brown and purple should line up (ground wires) and the orange and gray/yellow should line up (hot wires). See Figure 3. We know of at least two cases where the wires going to the LEDs were reversed. If yours are not correct, reverse the bullet connectors to the LED wires (in Step 4).



Figure 3. Check wire colors in connector

3. Cut off both BMW connectors (close to the connector) and strip about $\frac{1}{4}$ " of insulation off the ends of the wires. Twist the loose strands of wire together. To make it a little easier to attach the connectors, you can carefully cut back the black insulation around the two sets of wires.
4. On the wires going through the rubber grommet in the trunk to the LED brake light, crimp a red female bullet connector to the purple (ground) wire and a red male bullet connector to the orange (hot) wire.
5. On the remaining wires, crimp a red male bullet connector to the brown (ground) wire and red female bullet connector to the gray/yellow (hot) wire (see Figure 4).



Figure 4. Bullet connectors installed

6. Before connecting the Brake Light Flasher, loosely connect the connectors together and see if your brake light works normally. This test makes sure you crimped the connectors properly. If your brake light does not work, check the connectors for proper crimping. When your brake light works normally, continue with the next step.
7. Connect the white and green wires from the brake light flasher to the wires going to the brake light.
8. Connect the red and black wires from the brake light flasher to the remaining (power) wires. Tuck the wires under the plastic holder.
9. Before sticking the brake flasher to the truck with the double-sided tape, test your brakes and make sure they are working as they're supposed to (flashing for about two seconds and then staying on). If you have any problems, double check that you installed the bullet connectors on the correct color wires.
10. Remove the backing from the double-sided tape and stick the brake light flasher box to the top of the trunk, horizontally to the right of the rubber grommet (see Figure 5). Tuck the wires in as shown.

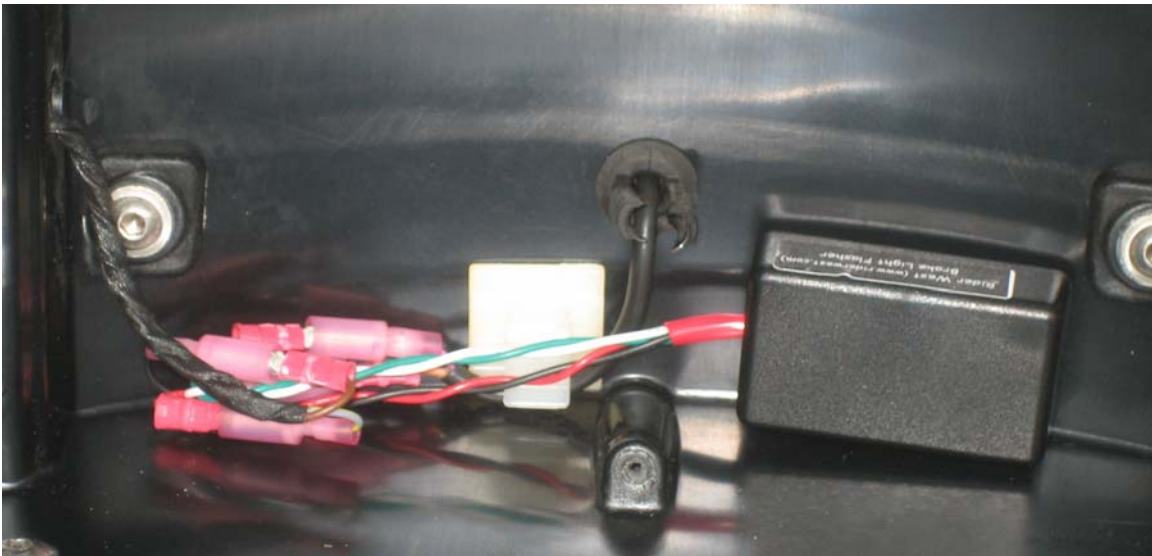


Figure 5. Flasher installed

Note: If the brake light flasher should fail, or if you decide you don't want it operating for any reason, you can unplug it and connect the bullet connectors from the brake light to the bullet connectors going to the "brake power." This will restore normal factory operation of the trunk brake light.